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RAW SEQUENCE LISTING DATE: 03/26/2002
PATENT APPLICATION: US/10/051,186 TIME: 09:31:38

Input Set : N:\Crf3\RULE60\10051186.raw
Output Set: N:\CRF3\03262002\J051186.raw

<110> APPLICANT: Adamou, J., et al.
<120> TITLE OF INVENTION: Calcitonin Gene Related Peptide Receptor
<130> FILE REFERENCE: PF129C1
<140> CURRENT APPLICATION NUMBER: 10/051,186
<141> CURRENT FILING DATE: 2002-01-22
<150> PRIOR APPLICATION NUMBER: 09/455,442
<151> PRIOR FILING DATE: 1999-12-06
<150> PRIOR APPLICATION NUMBER: 08/461,250
<151> PRIOR FILING DATE: 1995-06-05
<150> PRIOR APPLICATION NUMBER: PCT/US95/01587
<151> PRIOR FILING DATE: 1995-02-03
<150> PRIOR APPLICATION NUMBER: PCT/US94/09235
<151> PRIOR FILING DATE: 1994-08-16
<160> NUMBER OF SEQ ID NOS: 9
<170> SOFTWARE: PatentIn version 3.0
<210> SEQ ID NO: 1
<211> LENGTH: 3034
<212> TYPE: DNA
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 1

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acaattgtgc atatcgtcta ataataaaaa cccatactag cctatagaaa acaatatttg 360
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aagaaaacta ctacaacttg acaagactgc tgcaaacttc aattggtcac cacaacttga 480
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cgatgttgca gcaggaactg aatcaatgca gctctgccct gattactttc aggactttga 840
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50      catcaccaag ttaaaagtta cacaccaagc ggaatccaat ctgtacatga aagctgtgag   1560
51      agctactctt atcttggtgc cattgcttgg cattgaattt gtgctgattc catggcgacc   1620
52      tgaaggaaag attgcagagg aggtatatga ctacatcatg cacatcctta tgcacttcca   1680
53      gggtcttttg gtctctacca ttttctgctt ctttaatgga gaggttcaag caattctgag   1740
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55      tcgtagtgcg tcttacacag tgtcaacaat cagtgatggt ccaggttata gtcatgactg   1860
56      tcctagtgaa cacttaaatg gaaaaagcat ccatgatatt gaaaatgttc tcttaaaacc   1920
57      agaaaattta tataattgaa aatagaagga tggttgtctc actgtttggt gcttctccta   1980
58      actcaaggac ttggacccat gactctgtag ccagaagact tcaatattaa atgactttgg   2040
59      ggaatgtcat aaagaagagc cttcacatga aattagtagt gtgttgataa gagtgtaaca   2100
60      tccagctcta tgtgggaaaa aagaaatcct ggtttgtaat gtttgtcagt aaatactccc   2160
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71      ctactgtata aacaaattag caatcatttt atataaagaa aatcaatgaa ggatttctta   2820
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73      ttattttata gtctcaaatc aaatacatac aacctatgta atttttaaag caaatatata   2940
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78 <211> LENGTH: 461
79 <212> TYPE: PRT
80 <213> ORGANISM: Homo sapiens
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85                  20                  25                  30
86      Gln Leu Gly Val Thr Arg Asn Lys Ile Met Thr Ala Gln Tyr Glu Cys
87              35                  40                  45
88      Tyr Gln Lys Ile Met Gln Asp Pro Ile Gln Gln Ala Glu Gly Val Tyr
89          50                  55                  60
90      Cys Asn Arg Thr Trp Asp Gly Trp Leu Cys Trp Asn Asp Val Ala Ala
91      65                  70                  75                  80
92      Gly Thr Glu Ser Met Gln Leu Cys Pro Asp Tyr Phe Gln Asp Phe Asp
93                      85                  90                  95
94      Pro Ser Glu Lys Val Thr Lys Ile Cys Asp Gln Asp Gly Asn Trp Phe
95                  100                 105                 110
96      Arg His Pro Ala Ser Asn Arg Thr Trp Thr Asn Tyr Thr Gln Cys Asn
97              115                 120                 125
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100        Thr Ile Ile Gly His Gly Leu Ser Ile Ala Ser Leu Leu Ile Ser Leu
101        145                 150                 155                 160
102        Gly Ile Phe Phe Tyr Phe Lys Ser Leu Ser Cys Gln Arg Ile Thr Leu
103                        165                 170                 175
104        His Lys Asn Leu Phe Phe Ser Phe Val Cys Asn Ser Val Val Thr Ile
105                    180                 185                 190
106        Ile His Leu Thr Ala Val Ala Asn Asn Gln Ala Leu Val Ala Thr Asn
107                195                 200                 205
108        Pro Val Ser Cys Lys Val Ser Gln Phe Ile His Leu Tyr Leu Met Gly
109            210                 215                 220
110        Cys Asn Tyr Phe Trp Met Leu Cys Glu Gly Ile Tyr Leu His Thr Leu
111        225                 230                 235                 240
112        Ile Val Val Ala Val Phe Ala Glu Lys Gln His Leu Met Trp Tyr Tyr
113                        245                 250                 255
114        Phe Leu Gly Trp Gly Phe Pro Leu Ile Pro Ala Cys Ile His Ala Ile
115                    260                 265                 270
116        Ala Arg Ser Leu Tyr Tyr Asn Asp Asn Cys Trp Ile Ser Ser Asp Thr
117                275                 280                 285
118        His Leu Leu Tyr Ile Ile His Gly Pro Ile Cys Ala Ala Leu Leu Val
119            290                 295                 300
120        Asn Leu Phe Phe Leu Leu Asn Ile Val Arg Val Leu Ile Thr Lys Leu
121        305                 310                 315                 320
122        Lys Val Thr His Gln Ala Glu Ser Asn Leu Tyr Met Lys Ala Val Arg
123                        325                 330                 335
124        Ala Thr Leu Ile Leu Val Pro Leu Leu Gly Ile Glu Phe Val Leu Ile
125                    340                 345                 350
126        Pro Trp Arg Pro Glu Gly Lys Ile Ala Glu Glu Val Tyr Asp Tyr Ile
127                355                 360                 365
128        Met His Ile Leu Met His Phe Gln Gly Leu Leu Val Ser Thr Ile Phe
129            370                 375                 380
130        Cys Phe Phe Asn Gly Glu Val Gln Ala Ile Leu Arg Arg Asn Trp Asn
131        385                 390                 395                 400
132        Gln Tyr Lys Ile Gln Phe Gly Asn Ser Phe Ser Asn Ser Glu Ala Leu
133                        405                 410                 415
134        Arg Ser Ala Ser Tyr Thr Val Ser Thr Ile Ser Asp Gly Pro Gly Tyr
135                    420                 425                 430
136        Ser His Asp Cys Pro Ser Glu His Leu Asn Gly Lys Ser Ile His Asp
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142 <211> LENGTH: 30
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144 <213> ORGANISM: Oligonucleotide
145 <400> SEQUENCE: 3
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148 <210> SEQ ID NO: 4
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Input Set : **N:\Crf3\RULE60\10051186.raw**
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<213> ORGANISM: Oligonucleotide
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<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
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20 25 30
Thr Ile Glu Pro Lys Pro Phe Leu Tyr Val Val Gly Arg Lys Lys Met
35 40 45
Met Asp Ala Gln Tyr Lys Cys Tyr Asp Arg Met Gln Gln Leu Pro Ala
50 55 60
Tyr Gln Gly Glu Gly Pro Tyr Cys Asn Arg Thr Trp Asp Gly Trp Leu
65 70 75 80
Cys Trp Asp Asp Thr Pro Ala Gly Val Leu Ser Tyr Gln Phe Cys Pro
85 90 95
Asp Tyr Phe Pro Asp Phe Asp Pro Ser Glu Lys Val Thr Lys Tyr Cys
100 105 110
Asp Glu Lys Gly Val Trp Phe Lys His Pro Glu Asn Asn Arg Thr Trp
115 120 125
Ser Asn Tyr Thr Met Cys Asn Ala Phe Thr Pro Glu Lys Leu Lys Asn
130 135 140
Ala Tyr Val Leu Tyr Tyr Leu Ala Ile Val Gly His Ser Leu Ser Ile
145 150 155 160

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204       Thr Thr Ile Phe Pro Leu Asn Trp Lys Tyr Arg Lys Ala Leu Ser Leu
205                   180                 185                 190
206       Gly Cys Gln Arg Val Thr Leu His Lys Asn Met Phe Leu Thr Tyr Ile
207               195                 200                 205
208       Leu Asn Ser Met Ile Ile Ile Ile His Leu Val Glu Val Val Pro Asn
209           210                 215                 220
210       Gly Glu Leu Val Arg Arg Asp Pro Val Ser Cys Lys Ile Leu His Phe
211       225                 230                 235                 240
212       Phe His Gln Tyr Met Met Ala Cys Asn Tyr Phe Trp Met Leu Cys Glu
213                       245                 250                 255
214       Gly Ile Tyr Leu His Thr Leu Ile Val Val Ala Val Phe Thr Glu Lys
215                   260                 265                 270
216       Gln Arg Leu Arg Trp Tyr Tyr Leu Leu Gly Trp Gly Phe Pro Leu Val
217               275                 280                 285
218       Pro Thr Thr Ile His Ala Ile Thr Arg Ala Val Tyr Phe Asn Asp Asn
219           290                 295                 300
220       Cys Trp Leu Ser Val Glu Thr His Leu Leu Tyr Ile Ile His Gly Pro
221       305                 310                 315                 320
222       Val Met Ala Ala Leu Val Val Asn Phe Phe Phe Leu Leu Asn Ile Val
223                       325                 330                 335
224       Arg Val Leu Val Thr Lys Met Arg Glu Thr His Glu Ala Glu Ser His
225                   340                 345                 350
226       Met Tyr Leu Lys Ala Val Lys Ala Thr Met Ile Leu Val Pro Leu Leu
227               355                 360                 365
228       Gly Ile Gln Phe Val Val Phe Pro Trp Arg Pro Ser Asn Lys Met Leu
229           370                 375                 380
230       Gly Lys Ile Tyr Asp Tyr Val Met His Ser Leu Ile His Phe Gln Gly
231       385                 390                 395                 400
232       Phe Phe Val Ala Thr Ile Tyr Cys Phe Cys Asn Asn Glu Val Gln Thr
233                       405                 410                 415
234       Thr Val Lys Arg Gln Trp Ala Gln Phe Lys Ile Gln Trp Asn Gln Arg
235                   420                 425                 430
236       Trp Gly Arg Arg Pro Ser Asn Arg Ser Ala Arg Ala Ala Ala Ala Ala
237               435                 440                 445
238       Ala Glu Ala Gly Asp Ile Pro Ile Tyr Ile Cys His Gln Glu Pro Arg
239           450                 455                 460
240       Asn Glu Pro Ala Asn Asn Gln Gly Glu Glu Ser Ala Glu Ile Ile Pro
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243                       485                 490
245 <210> SEQ ID NO: 9
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248 <213> ORGANISM: Rat
249 <400> SEQUENCE: 9
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